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ANY SOIL DEPOSITED ON THE ROADMAY SHALL BE REMOVED AT THE END OF EACH
NORTH HE FOUNDATIONED CONTROLS ARE IN PLACE. REMOVE THE MACADAM
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GRADE THE BALANCE OF THE SITE TO SUB-GRADE AND INSTALL THE REQUIRED LANDSCAPING
TOPSOIL SHALL BE IMPORTED FOR THE FINAL RESTORATION AND FOUNDATIONS
AS SHOWN ON THE PARK AREA
GRADE THE BALANCE OF THE SITE TO SUB-GRADE AND INSTALL THE REQUIRED LANDSCAPED AREAS AND IMMEDIATELY STAB
FROYE ANY REMAINING TEMPORARY ESSPEC FACILITIES AND MEASURES NOT REQUIRED FOR FUNCTIC
STABILIZATION IS DEFINED AS THE ACHIEVEMENT OF A UNIFORM DENSITY OF COVERAGE OF 70% BY THE PI
MATERIAL ACROSS ALL DISTURBED AREA. AT THIS TIME THE ROCK CONSTRUCTION ENTRANCE MAY BE REMOV
AREA STABILIZED WITH PERMANENT VEGETATION.

STREET TREES ARE TO BE PLANTED AS REQUIRED Illing may be omitted if soil is sufficiently loosened following the final grading activities.

2) Lime Application - Agricultural Grade Limestone shall be applied to the loosened soil at a uniform rate of ONE (1) tons per acre.

3) Fertilizer Application - A mixture of 10-20-20 fertilizers shall be applied to the soil at a rate of 150 lbs./acre of ONE (1) tons per acre.

4) Mixing - Ground limestone and fertilizer shall be mixed with the soil to a depth of four inches through use of suitable equipment.

5) Seeding - Seed mixture shall be applied to the prepared soil surface by broadcast spreaders or hydraulic application according to the following rates of application:

6) Seeding - Seed mixture shall be applied to the prepared soil surface by broadcast spreaders or hydraulic application according to the following rates of application:

7) Fertilizer Seed shall be covered by means of light raking to a depth of one-quarter inch of soil.

8) Fertilizer Seed shall be covered by means of light raking to adepth of one-quarter inch of soil.

9) Fertilizer Seed shall be covered by means of light raking to adepth of one-quarter inch of soil.

1) Fertilizer Seed shall be covered by means shall be applied to the final grading activities. Surface soil shall be tilled and loosened.

1) Fertilizer Seed shall be acce.

3) Fertilizer Shall be acce.

3) Fertilizer Shall be applied to shall be applied to the soil at a rate of soil.

4) Mixing - Ground limestone and fertilizer shall be mixed with the soil to adepth of four inches through use of suitable equipment.

5) Seeding - Seed mixture of the following rates of application.

1) Fertilizer Shall be applied to the prepared soil surface by broadcast spreaders or hydraulic application according to the following rates of soil.

1) Fertilizer Shall be applied to the prepared soil surface by broadcast spreaders or hydraulic applied at rates of 50%.

1) Fertilizer Shall be applied to the prepared soil surface by broadcast spreaders or broadcast spreaders or fown and surface shall THE PROJECT SITE IS COMPRISED OF THE SOIL TYPES AS LISTED BELOW. INFORMATION RELATING TO SOIL TYPE WAS OBTAINED FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SURVEY FOR BERKS COUNTY, PENNSYLVANIA.

SOIL LIMITATIONS:
THE DUFFIELD SOIL HAS FAIR WINTER GRADING CHARACTERISTICS DUE TO THE MODERATE SHRINK /SWELL POTENTIAL. THE ROAD FILL IS GOOD. THE DEVELOPER SHOULD PREVENT PONDED WATER, WHICH WILL SATURATE THE SUB-BASE AND CAUSE PUMPING. QUALITY TOPSOIL SHALL BE SAVED THAT IS LOW IN COURSE FRAGMENTS TO BE USED IN THE RESTORATION STABILIZATION EFFORTS. THE RESTRICTIVE LAYER IS ROCK, WHICH MAY BE FOUND AT 6 FEET. THE SOIL MATERIALS ARE GENERALLY FINE PARTICLES AND ARE BEST REMOVED THROUGH SEDIMENTATION. THE PH OF THE SOIL IS IN THE RANGE OF 5-7. THE SEEDING SPECIFICATIONS OR ACTUAL SOIL TEST RECOMMENDATIONS SHOULD BE FOLLOWED.

SOME LIME SHOULD BE APPLIED TO AID IN RESTORATION OF PLANT MATERIAL AT THE SITE .

ALL CONSTRUCTION TRAFFIC SHALL BE PREVENTED FROM THE LANDSCAPED AREA.

A) EXISTENCE OF HYDRIC SOILS/FRESHWATER WETLANDS

NO HYDRIC SOILS OR WETLANDS ARE LOCATED ON THE SITE... STABILIZATION ONES.

STABILIZATION ONES.

STABILIZATION ON THE CONTROL OF STATE AND THE ALTON A LIGHT THE STATE OF ALCOHOL OF THE ALTON MATERIAL NOTES

ALL BUILDING MATERIALS AND WASTES MUST BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE CHAPTER 260. 260.1 ET SEQ., 271.1, AND 287.1 ET. SEQ. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURNED, DUMPED, OR DISCHARGED AT THE SITE.

ALL OFF-SITE WASTE AND BORROW AREAS MUST HAVE AN EGS PLAN APPROVED BY THE LOCAL CONSERVATION DISTRICT OR DEP FULLY IMPLEMENTED PRIOR TO BEING ACTIVATED.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ANY MATERIAL BROUGHT ON SITE IS CLEAN FILL. FORM FP-001 MUST BE RETAINED BY THE PROPERTY OWNER FOR ANY FILL MATERIAL AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE BUT QUALIFYING AS CLEAN FILL DUE TO ANALYTICAL TESTING. ALL FILLS SHALL BE COMPACTED AS REQUIRED REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR FILL MATERIALS SHALL E MATERIALS THAT WOULD I FROZEN MATERIALS OR SO E ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE LOCAL CONSERVATION DISTRICT FOR AN INSPECTION PRIOR TO NATED IEVED, TEMPORARY ESS BMPS MUST BE REMOVED OR CONVERTED TO SEMENT BMPS. AREAS DISTURBED DURING REMOVAL OR MEDIATELY. IN ORDER TO ENSURE RAPID REVEGETATION OF HOULD BE DONE ONLY DURING THE GERMINATING SEASON. ICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE INT CONSTRUCTION OF SATISFACTORY FILLS.

SOMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.

NZEN SURFACE HAT ANY MATERIAL BROUGHT ON SITE IS CLEAN FILL. FORM FP-001 NY FILL MATERIAL AFFECTED BY A SPILL OR RELEASE OF A REGULATED O ANALYTICAL TESTING. ALL FILLS SHALL BE COMPACTED AS REGUIRED TO ENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT LL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR WASHOUT AREA WOOD OR STEEN TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND EIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN. COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. AMAGED SOOKS SHALL BE REPARED ACCORDING TO MANUFACTURER.S SPECIFICATIONS OR EPLACED WITHIN 24 HOURS OF INSPECTION.
BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; HOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED COORDING TO MANUFACTURER.S RECOMMENDATIONS.
LIPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. LIPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. IN THE LATTER CASE, THE ESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.
ESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.
BEDIMENT REMOVED FROM FACILITIES SHALL BE DISPOSED IN LANDSCAPING REA IN A NON EROSIVE MANNER SEDIMENT MUST BE REMOVED WHERE ACCUMULATION.

HEIGHT OF THE FENCE.

ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE
ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE
IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEE ROCK FILTER OUTLET DETAIL

SEDIMENT REMOVED FROM FACILITIES SHALL BE DISPOSED IN LANDSCAPING AREA IN A NON

STANDARD FILTER FABRIC FENCE CX FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL CX FABRIC SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION ITROL MANUAL.

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MANUAL.

BARRIER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE BARRIER SHALL NOT LEAST BARRIER ALIGNMENT, MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT LED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY A.  $\frac{\text{PLAN VIEW}}{\text{PLAN STANDARD SILT FENCE}}$ 12" SILT SOXX CAN BE SUBSTITUTED FOR STANDARD SILT FENCE FILTER FABRIC FENCE MUST BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION MUST BE EXTENDED AT LEAST 8 FT. UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT.
SEDIMENT MUST BE REMOVED WHERE ACCUMULATIONS REACH 1/2 THE ABOVE GROUND STANDARD CONSTRUCTION DETAIL COMPOST FILTER SOCK BLOWN/PLACED FILTER MEDIA 1.A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A SILT FENCE OR STRAW BALE BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE IN HQ AND EV WATERSHEDS.
2.SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET. STAKES SPACED AT 8' MAX. USE 2" X 2" WOOD OR EQU STANDARD CONSTRUCTION DETAIL #4-6
ROCK FILTER OUTLET
NOT TO SCALE STAKES SPACED @ 8' MAX.; USE 2"X2" WOOD OR EQUIVALENT STEEL STAKES

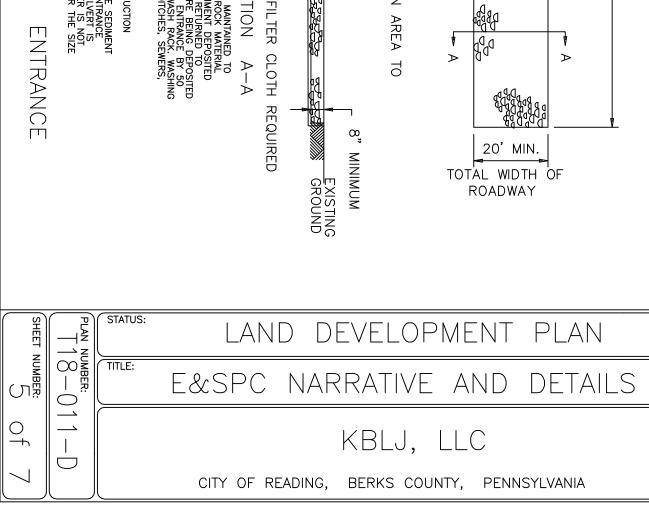
DIE: SHOW ALL DETAILS AND CONSTRUCTION DIMENSIONS ON PLAN DRAWINGS 2 IN. × 2 IN. WOODEN STAKES PLACED 10 FT ON CENTER OUTLET CROSS-SECTION IN. × 2 IN. WOODEN STAKES ACED 10 FT ON CENTER OINING FENCE ALONG EXISTING STREETS OOD POSTS #4-1 AASHTO NO. 57 TIONAL 6 IN. COMPOST LAYER MOUNTABLE BERM EXISTING ROADWAY ROCK STANDARD CONSTRUCTION DETAIL #4-ER BAG INLET PROTECTION - TYPE C IMPROVED ROAD SURFACE SS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF L BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN SEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. ISED BAGS SHALL BE REPLACED, A SUPPLY SHALL BE MAINTAINED ON SITE OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER ISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS PLAN NOTES. OW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS, HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET TH CONSTRUCTION EA = 1/2 ACRE.

BE REQUIRED FOR INSET TRIBUTARY TO SEDIMENT BASIN BE REQUIRED FOR ALL INSTANTATIONS.

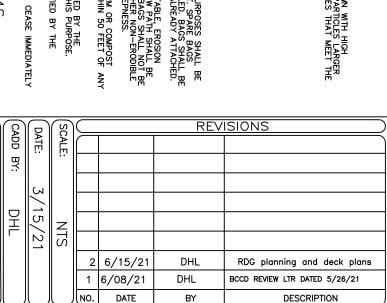
BE REQUIRED FOR ALL INSTANTATIONS.

I SHALL BE MAINTAINED UNTIL ROADWAY IS SAVED. SIX INCH MINIMUM HEIGHT E MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT E MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT.

BRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, GTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF GHL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. SLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST ICK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE. \_1 IN. REBAR FOR BAG REMOVAL FRO INLET FLARE INTERSECTION BCCD REVIEW LTR 24/25/16



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ELEVATION VIEW



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